

KD-Validated Anti-Sulfite Oxidase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

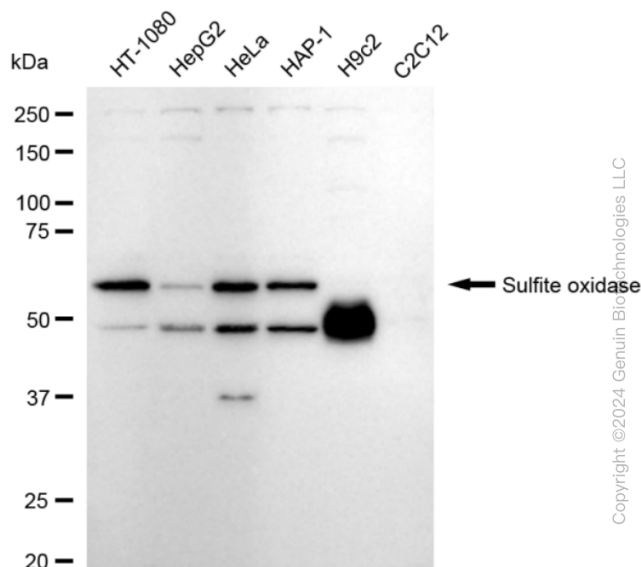
ABG1699

Product Overview

Name	KD-Validated Anti-Sulfite Oxidase Rabbit Monoclonal Antibody
Accession(Primary)	P51687
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human SUOX
Species Reactivity	Human
Calculated MW	Predicted, 60 kDa , observed , 60 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

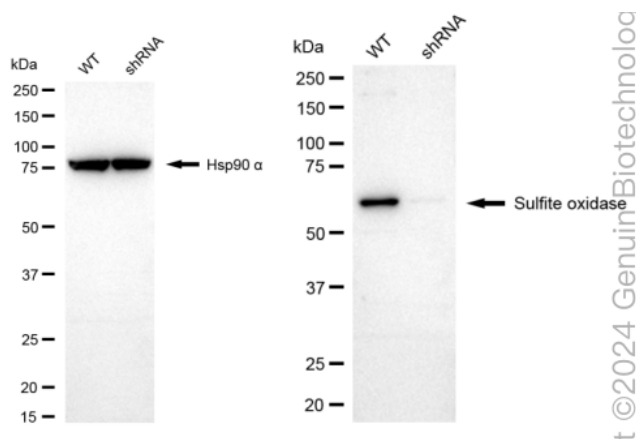
Target information (P51687)

Gene Name	SUOX
About Gene Symbol	SUOX (Sulfite Oxidase) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



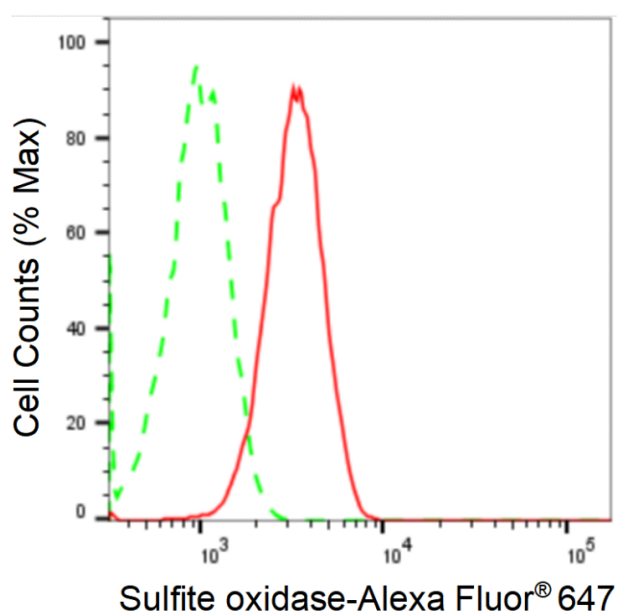
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Western blotting analysis using anti-Sulfite oxidase antibody (Cat#ABG1699). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Sulfite oxidase antibody (Cat#ABG1699, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



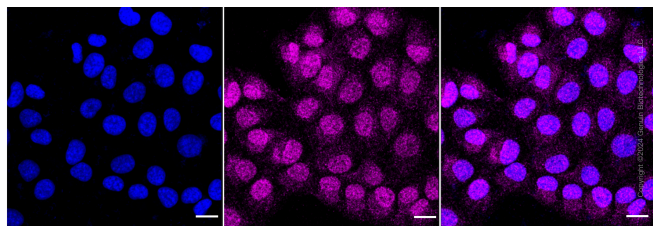
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Western blotting analysis using anti-Sulfite oxidase antibody (Cat#ABG1699). Sulfite oxidase expression in wild type (WT) and Sulfite oxidase shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Sulfite oxidase antibody (Cat#ABG1699, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Sulfite oxidase expression in HT-1080 cells using anti-Sulfite oxidase antibody (Cat#ABG1699, 1:2,000). Green, isotype control; red, Sulfite oxidase.



Immunocytochemical staining of HT-1080 cells with anti-sulfite oxidase antibody (Cat#ABG1699, 1:1,000). Nuclei were stained blue with DAPI; Sulfite oxidase was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.